

66031US1_Sequence listing
SEQUENCE LISTING

<110> Johnson & Johnson Research Pty Ltd
<120> Method for Detection of Alkylated Cytosine in DNA
<130> 30658208
<140> PCT/AU2004/000900
<141> 2004-07-05
<160> 15
<170> PatentIn version 3.4
<210> 1
<211> 80
<212> DNA
<213> Artificial
<223> Oligonucleotide Ecad80

<400> 1
cgctgctgat tggctgtggc cggcaggtga accctcagcc aatcagcgtt acggggggcg 60
gtgctccggg gctcacctgg 80

<210> 2
<211> 27
<212> DNA
<213> Artificial
<223> Oligonucleotide AA1

<400> 2
tgttttgggt gtgtatggtt tgggtgt 27

<210> 3
<211> 27
<212> DNA
<213> Artificial
<223> Oligonucleotide AA2

<400> 3
acacccaaac catacacacacc caaaaca 27

<210> 4
<211> 80
<212> DNA
<213> Artificial
<223> Oligonucleotide Ecad80M3

<221> misc_feature
<222> (21)..(21)
<223> n is 5'-methylcytosine

<221> misc_feature
<222> (47)..(47)
<223> n is 5'-methylcytosine

<221> misc_feature
<222> (52)..(52)

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<223> n is 5'-methylcytosine

<400> 4

cgtctgtat tggctgtggc nggcaggta accctcagcc aatcagnggt anggggggcg 60
gtgctccggg gctcacctgg 80

<210> 5

<211> 36

<212> DNA

<213> Artificial

<223> Oligonucleotide T1

<400> 5

attatattta aatatataaa atatatatta ataaat 36

<210> 6

<211> 36

<212> DNA

<213> Artificial

<223> Oligonucleotide T1

<400> 6

attatttaat atatattta tatatttaaa tataat 36

<210> 7

<211> 80

<212> DNA

<213> Artificial

<223> Oligonucleotide antisense sequence of Ecad80(ASEcad80)

<400> 7

ccaggtgagc cccggagcac cggcccccgt accgctgatt ggctgagggt tcacctgccg 60

gccacagcca atcagcagcg 80

<210> 8

<211> 22

<212> DNA

<213> Artificial

<223> Chemically synthesised looping probe DNA sequence LP10

<400> 8

cgaccgcccc gatggctga gg 22

<210> 9

<211> 23

<212> DNA

<213> Artificial

<223> Chemically synthesised looping probe DNA sequence LP26

<400> 9

gccccggagc gagggttcac ctg 23

<210> 10

<211> 24

<212> DNA

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<213> Artificial
<223> Chemically synthesised looping probe DNA sequence LP26+1

<400> 10
gccccggagc ggagggttca cctg

24

<210> 11
<211> 26
<212> DNA
<213> Artificial
<223> Antisense oligonucleotide AS26

<400> 11
agccaaatcag cggtaacgggg ggcgggt

26

<210> 12
<211> 18
<212> DNA
<213> Artificial
<223> Substrate

<221> misc_feature
<222> (6)..(6)
<223> n is c or u

<400> 12
cggtangggg ggcgggtgg

18

<210> 13
<211> 9
<212> DNA
<213> Artificial
<223> Primer

<400> 13
ccaccgcccc

9

<210> 14
<211> 4
<212> DNA
<213> Artificial or Homo sapiens
<223> Activation Induced Cytidine Deaminase hot-spot sequence

<221> r
<222> (1)..(1)
<223> r is a or g

<221> y
<222> (3)..(3)
<223> y is c or t

<221> w
<222> (4)..(4)
<223> w is a or t

<400> 14
rgyw

4

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<210> 15
<211> 18
<212> DNA
<213> Artificial
<223> Primer 3ECAD11b

<400> 15
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18